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THE DUALISM OF THE UNIVERSE

Free is the one, who has not chained down
his own worldview to somebody else's ideas!

Today, religion and science are like twins – religion no longer remembers, and science does not yet know.

Religion has its own Holy Trinity - Father, Son and Holy Spirit. When you ask "What is God?" the reply you get is that God is everything visible and invisible, because there is nothing else existing but Him. He is in you, out of you, everywhere. He has always existed and will exist forever. And if you think a little, you will come to the conclusion that there is something that is the Reality itself and it can be given various names, including God. But if you doubt and want conclusive evidence that the Trinity from religion actually exists and it is such as it is introduced to us, you will get the only argument – **believe**, that is it!

Science has its own Holy Trinity too - Matter, Space and Time. When you ask "What is Matter?" you are given the reply that it is everything visible and invisible, because there is nothing else but Matter. It is inside you, outside of you, everywhere. It has always existed and it will exist forever. And if you think a little, you will come to the conclusion that there is something that is the Reality itself and it can be given various names, including Matter. But if you doubt and insist on conclusive evidence that the Trinity of physics really exists and it is such as it is introduced to us, you will get the only argument – **believe**, that is it!

But I do not want to believe, I want to know!

There are several causes for the demolition and stagnation in human history. But what hunger, epidemics and greed have left behind is child's play compared to the devastation and the victims of the struggle of ideas: the ideas of materialism and idealism, monotheism and polytheism, monism and pluralism, religion and science.

As shown, the opposites are always in pairs, which naturally arises the questions:

- How or why have religion and science not noticed yet that they are the two parts of a united whole, which they defend passionately, each one separately?
- How or why have they not noticed the **Duality** – the missing unit in human knowledge today and the fundamental of the model of the Universe?

I believe that now is the time and this is the place where the big Truth about the Universe can be displayed with all its glory and dignity, because the historical review shows us that such attempts have been made at different places and at different times by the brightest minds of humanity, but for obvious reasons they have managed to give just one more new impetus to the torch to future generations.

Today, thanks to the scientific progress and achievements, the final of the millennial relay can now be held.

The most logical answer, simple but true, that everyone can give to oneself by thinking of the secrets of the Universe, is the undisputable assertion that Someone or Something has created the Universe.

That Thing, which some people call God, but others call The world's intelligence – the Thinker, or another way, is not accessible to human perceptions and mind and it is a good idea to accept the Socrates' view that *"It is enough to know that One exists."*

But whatever to be said about Him, it would be fictional and untrue.

Today we accept that the whole diversity of forms and motions in the Universe are His action, but in fact, "He" has invented only two things: the **Law** and **Waters**.

§ 1 – THE LAW.

Today scientists claim, fairly reasonably, that physical laws are valid everywhere in the universe. But where in nature are recorded the law of Newton, the laws of Kepler or the formula of water? Who carries them to and fro in space and time and how?

The Law is easy and hard to be understood. It is difficult for the materialists who don't want and cannot accept that there are intangible things as well, that they are out of reach for our senses, but are also the most important ones.

With us people, it often happens to think one, else to speak, but to do the third. In the nature it is impossible. With it, ***the wisest and all-embracing providence of the Universal Mind about the deeds and the things in the Universe is set in a United Natural Law*** and no one has ever broken it – neither yesterday, nor today and nobody will break it tomorrow.

The relationship between the Law from the Nothingness and its physical manifestation in the Existence is like the work of an architect. The idea of a beautiful building is born in his mind and nobody knows what it is, until it is ready. The same is with the composer, the artist or any other creator.

The Law, i.e. the Creator, is perfect. It is invented by the Thinker and the deeds of the Law are the material manifestation of the Thinker's thoughts.

§ 1.1 – THE PATENTED PART OF THE LAW. HUMAN KNOWLEDGE.

The highest honor given to a man is ***the opportunity to get to know the Law.***

In actual fact, people can perceive by sense only the patented, earthly-minded part of the Law, at that, only those parts of it which reside in human memory as stored information, knowledge. And more precisely, it is **co-knowledge with** the Law.

Parts of the Law can be achieved theoretically by the human mind as well, without any sense perception.

Everything discovered by human, in theory and practice, are ideas coming from the Law.

§ 1.2 – THE POSSIBILITIES.

The thoughts of the Thinker, His ideas incorporated in the Law are not given once and forever ready models, templates and moulds for everything in the Universe but all the possible combinations that can happen in the interaction between all the things in the Universe.

The possibilities are the “rules of the game”, the constructive ideas, the causes and the physical entities are their manifest – the consequences.

The rules of the Law give evidence of themselves in the real life only through structures of physical, chemical and biological systems.

This is the Law of the possibilities but not the one of the templates and prohibitions.

The possibilities from the Law are the plan, the program, the ideas, the codes, the ciphers, the genes under the rules of which everything in the Universe is built – from the smallest one to the largest.

§ 2 – THE WATERS.

Scientists have found that in the interstellar space there is a universal cosmic background of light, heat and sound (micro physical systems) with values close to absolute zero. They are spread from the operation of the great numbers of multifarious heavenly bodies (macro physical systems). In the immediate vicinity to them (up to the macro systems) the existence of light, heat and sound is of great quantity and high values. In the places far from the heavenly bodies the quantity of and values of light, heat and sound get lower and come up to the absolute zero.

It follows from this that if there are not physical systems, the Universe will be without any physical characteristics. It will be dark, cold and quiet. There will be no matter, space and time. There will be no motion, because there will be nothing to move and no direction for it to move to. It will be impossible to distinguish things from each other because everything will be a United Whole – Nothing – Nonentity – Peace – ***the Upper Water***.

§ 2.1 – THE UPPER WATER.

It fills the entire Universe and is the cosmic background in which happen events and exist the things.

It is unattainable, eternal, infinite, unified and constant value.

The place where the upper water is settled is the interstellar vacuum.



http://antwrp.gsfc.nasa.gov/apod/image/0803/M104b_peris2048.jpg

The term “dark matter” In modern science conditionally can be considered equivalent to the upper water.

§ 2.2 – THE LOWER WATER.

But if everything is a United Whole – the upper water, noting can be born in this United Whole or by it because “*The Law of Unity and Struggle of Opposites*” is not in operation. Two opposites are necessary to make this law operate. That is why, from the first opposite (from it) the second one is distinguished and One gives rise to a Two. One is the cause for the unity and Two is the cause for their discord and the struggle between them.

From the upper water - the interstellar vacuum, the lower water is moving away, it is shrinking and flowing into the black hole to form a physical nucleus. Its route from the interstellar vacuum to the black hole is the disunity of the two waters.

In the Bible it is described word by word, accurately and clearly.

“And God said, “Let there be an expanse between ***the waters to separate water from water.*** So God made the expanse and ***separated the water under the expanse from the water above it.*** And it was so.”

Genesis 1:6

The lower water itself is tense and shrunk to the $n^{\circ}th$ power upper water. The place where it is established is the physical nucleus.

In order the circle to be closed, after their complete separation, the lower water must move back into the vacuum again. Its route from the nucleus to the vacuum is the fusion of the two waters, and the circle is the route of space and time.

The lower water is multiple. It comes into the world, distinguishes from the upper water, gets contracted, temporarily subsists in a limited space, in the nucleus, then goes back into the upper water, fuses with it again and stops existing anymore because the one that was born before is dying now.

This is the circumrotation of the lower water.

Lower water is multitude. This means that ***all the physical nuclei are identical in content and different in size and qualitative performance.***

The Existence begins with the differentiation of the lower water from the upper water.

There is a nucleus – there is something. There is not a nucleus – there is nothing.

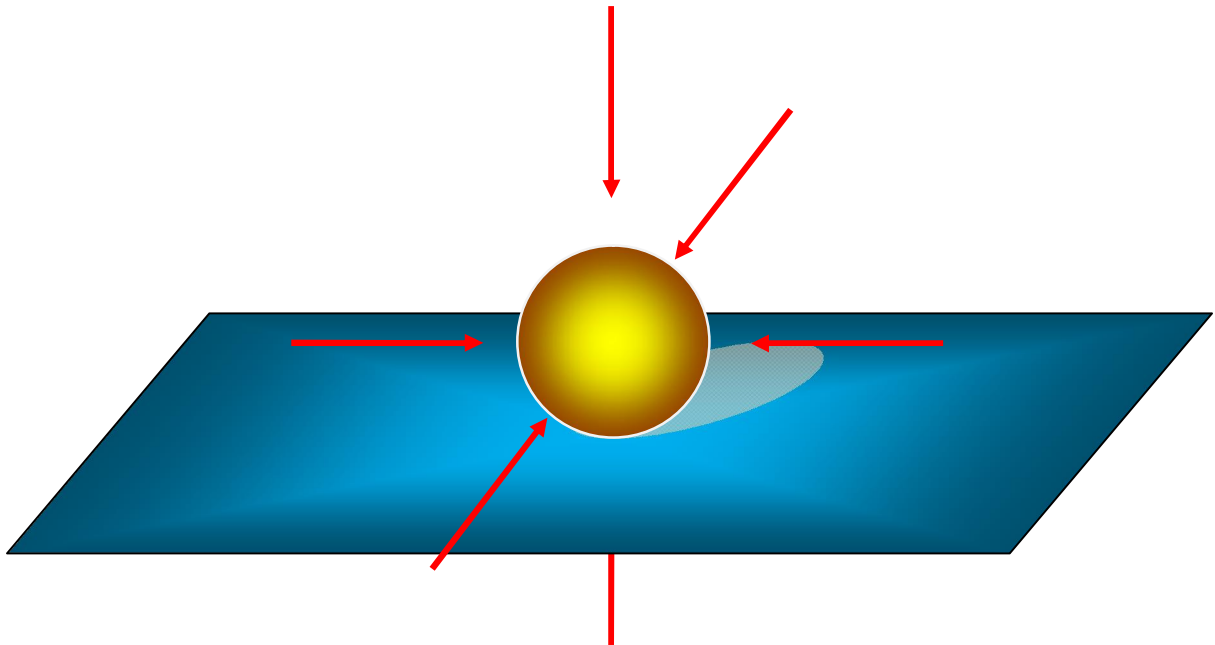
Genesis begins with the separation of lower water from the upper.

Then, both propensities of the two waters appear and begin to interact between each other.

§ 2.3 – THE PROPENSITIES.

Everything tangible in the Universe begins and finishes with the appearance and the end of the physical nucleus. With its appearance, the Dualism appears in the Existence dividing it into two poles, through the two propensities of both waters. Polarization directs the physical nuclei toward one of the two directions, ***contraction*** to the central nucleus or ***expansion*** to the interstellar vacuum.

From the very beginning, with the separation of the lower water from the upper water superiority gains the propensity for ***contraction***. It causes the act of extraction and stray of physical nuclei from the interstellar vacuum, which start to attract each other and to fuse. When one of them gets larger than the others, it becomes central for them and they start to flow into it. It turns to be a black hole.



The propensity for contraction is aimed to contract everything physical from the Existence and to lead it away back to the Nonentity by flowing it into the lower water, into the physical nucleus.

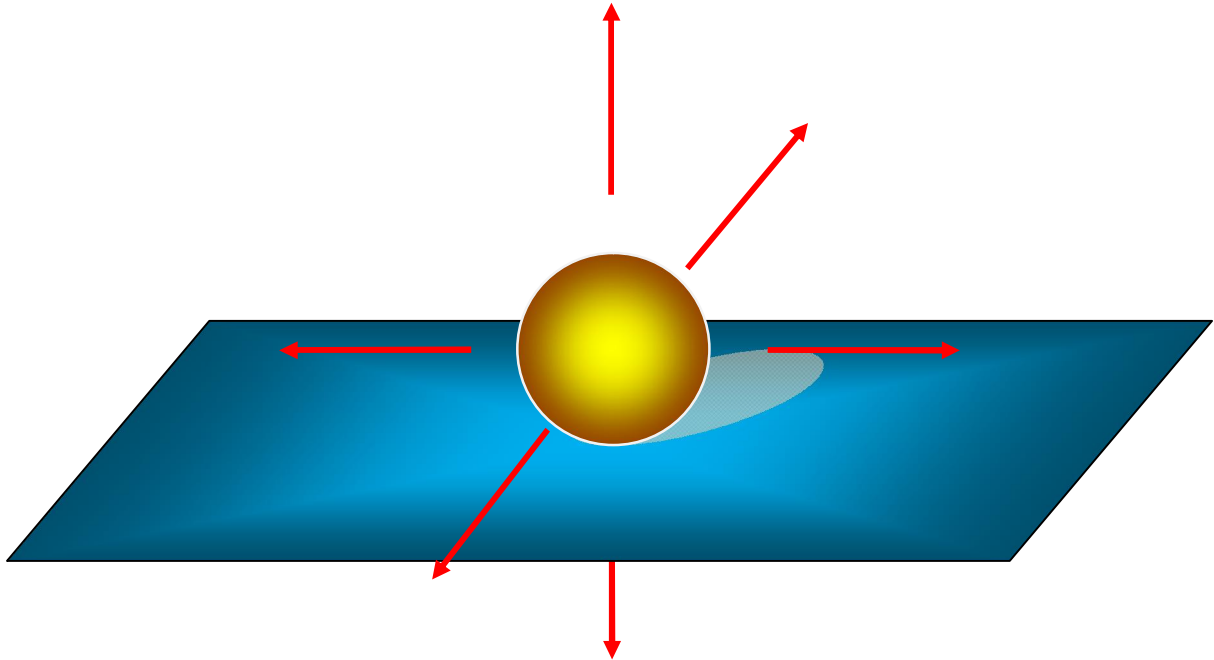
The power of the propensity for contraction is proportionate to the nucleus' s size.

The propensity for contraction abates from the nucleus toward the interstellar vacuum.

The propensity for contraction abates from the interstellar vacuum towards the nucleus in proportion to the nucleus' s size decrease.

Correspondent to propensity for contraction in modern physics are the nucleus powers – the strong interaction, and in modern astronomy it is gravity. It is the cause for the synthesis.

When the lower water starts turning back to the upper water and is flowing into it, the propensity for extension gains the superiority. It causes the act of extraction, stray and moving away from the central nucleus of physical nuclei, which start reciprocally withdrawing, moving closer to the interstellar vacuum and flowing into it.



The propensity for extension is aimed to extend everything physical from the Existence and lead it away back to the Nonentity by flowing it into the upper water, the interstellar vacuum.

The power of propensity for extension is unlimited.

Correspondent to propensity for extension in modern physics is weak interaction, and in astronomy dark energy. It causes the disruption.

The interaction between the two propensities is what constructs, maintains and destructs the Existence.

§ 3 – THE CIRCUMROTATION – THE TIME.

The Time is the circumrotation of the Law and Waters, together.

Since everything begins with and finishes at physical nucleus, I will remind you of the circumrotation of lower water.

It comes to life, distinguishes from upper water, shrinks, has a transitory existence at a limited space in the nucleus, moves back towards the upper water, flows into it and ceases from existence.

Circumrotation is fulfilled in four periods. It is the modern conception of cosmic Time. Therefore, each of the four periods will be distinguished from the others through the changes in time and space, specific for each of them.

§ 3.1 – THE FIRST PERIOD.

The first period is the upper water. There the Law and Waters are perfect – the Nonentity. The first period is invisible, unknown and unattainable for people neither through mind nor through senses. In that case, all the notions receive the characteristics of the upper water. It is an intangible, eternal, unified and invariable quantity. It is free of propensities, field, motions, matter, space and time. “The Law of unity and struggle of opposites” is not in operation now, because everything is “One” (a united whole).

Then, it is eternal timelessness and infinite emptiness.

§ 3.2 – THE SECOND PERIOD.

The second period from the circumrotation is the Existence, the manifestation of the Law and Waters, together. The lower water is distinguished from the upper – “Two” is given rise from the “One” (the United Whole) and “The Law of unity and struggle of opposites” is operating now.

“One” is the cause for the unity and “Two” is the cause for the discord and the struggle between them.

During the second period of the circumrotation, the lower water’s propensity for contraction is predominant. It fulfills the transference of the lower water from the interstellar vacuum to the black hole – the nucleus and its flow into it.

In the second period the time is going counter-clockwise (back direction) and the space is shrinking.

§ 3.3 – THE THIRD PERIOD.

The third period of the circumrotation is Dualism - a complete separation of the lower water in the physical nucleus and reaching the balance between the propensities of the two waters. Then the Law and Waters are perfect – the Nonentity.

The third period is invisible, unknown and unattainable for people, neither through their mind nor through their senses.

At that time there is provisional timelessness and ultimate emptiness.

Provisional timelessness can last from for a split second to several billion of years for the various physical systems because ***as many the nuclei in the Universe are, as many are fields and spaces and times.***

§ 3.4 – THE FOURTH PERIOD.

The fourth period of the circumrotation is Existence again – the manifestation of the Law and Waters, together, but this time predominant is the propensity of upper water – *extension*. It accomplishes the lower water’s transference from the nucleus to the upper water and its flow into it, in the interstellar vacuum.

The Law and Waters are always and everywhere perfect and the rules of the Law could act in the Existence only through the derivatives from the interaction between

the two propensities as structures of physical, chemical and biological systems – material formations.

At present, The Sun and all the comets and planets in the Solar System are in the fourth period of the circumrotation and are going to their end.

During the fourth period, the time is going clockwise (the right direction) and the space is getting extended.

The four seasons in the Big and Small Zodiac and in the calendar are based on these four periods (and on natural data). They give the number of Vedas and Gospels.

Perhaps this is the origin of the ancient expression “*Squaring the circle*”.

But in each of these four periods of the circle, lower water accomplishes three actions.

In the first period they are: admittance, stay and going out.

In the second one: departure, travel (contraction) and arrival.

In the third one: admittance, stay and going out.

In the fourth period: departure, travel (extension) and arrival.

Thus, all the actions that are accomplished by the lower water in its circle are a total number of twelve.

They are the origin for the cult of number twelve.

That is why, there are twelve zodiac signs, twelve months of the year and twelve hours of the day and night, the duodecimal metrical system, the twelve Aditi in Hindu mythology, The Twelve Labors of Hercules, the twelve Apostles in Christianity.

Since time is accepted to be the symbol circumrotation, the duodecimal system is a system for time measuring.

The circumrotation is the great mystery of the eternal interaction between the two waters. It happens over and over again, at great numbers of places in the Universe but never a circle happens at the same place and with the same physical system. A physical system can exist only once at a time and at a place. As many are the nuclei in the Universe, as many the fields and times and spaces are because: *There is a nucleus – there is something. There is not a nucleus – there is nothing.*

The terms “Circumrotation of the Law and Waters, together” and “Cyclic recurrence of time” are inaccurate and do not reflect the truth, word for word. The real motion is radial.

In the second period it is from the interstellar vacuum to the black hole – from all directions to the centre, and in the fourth period it is from the nucleus to the interstellar vacuum – from the centre to all directions.

§ 3.5 – THE PEACE. THE ESTABLISHMENT.

The peace is apparent in the first and the third periods of the circumrotation, when the Law and Waters are Nonentity, and the propensities are counterpoised.

In the first period it is Unity. There exists only the upper water and it is unattainable, eternal, and infinite. It is a united and invariable quantity.

There exists Dualism in the third period. There is a complete separation of the lower water from the upper water – in the nucleus, and establishing of equilibrium between both their propensities.

In the second and forth periods of the circumrotation, the motion is absolute, and the peace is relative and unattainable. But in spite of all, the equilibrium is the aim of each external motion and internal state.

In the second and fourth periods of the circle, the final attainable aim of the tendency to peace is the establishment of ***a stable non-equilibrium.***

§ 4 – THE PHYSICAL FIELD.

The only tangible thing in the Universe is the physical field. It materializes only through and because of the physical nuclei.

There is a nucleus – there is field. There is not a nucleus – there is nothing.

In the Bible it is described word by word, accurately and clearly.

“And God said, “Let there ***be an expanse between the waters to separate water from water.*** So God ***made the expanse*** and ***separated*** the water ***under the expanse*** from the water ***above it.*** And it was so. And God ***called the expanse Sky***”.

Genesis 1:6

The physical field is the interaction, the struggle between the two propensities, of both waters.

It has:

- ***direction,***
- ***intensity,***
- ***density***
- ***strength.***

The predominance of one of the propensities is what determines the field's direction.

During the second period of the circle the field's direction is *contraction*.

During the fourth period of the circle the field's direction is *extension*.

The strength of the field is relevant to the size of its nucleus.

With the appearance of the physical field, appear also the space and time. As many the nuclei in the Universe are, as many are the fields, the spaces and times.

Equivalent to the notion of physical field today in modern physics and astronomy are the field, space and matter.

The notion of *matter* which is used by modern science has no equivalent in reality. It was created by the bright minds of Middle Ages as opposed to the notion of *God*, which by that time had focused on a starting point both the personal and the public spirit. *Matter* – it is the most powerful ideological doctrine ever created after the doctrine of *God*. It has not only given people the right to choose but it has proved to be the more stable quantity. Gods are many today but Matter is unique.

The place in the reality where the physical field is established is between the physical nucleus and the interstellar vacuum.

Equivalent to the place of the field, its capacity, the expanse in modern physics and astronomy is the space.

In antiquity, the physical field was in the concern of the greatest science, the science of field equilibrium – Astra Veda.

§ 4.1 – THE PHYSICAL FIELD INTENSITY.

The intensity of the physical field is the non- equilibrium between the two propensities, which directs the physical systems to equilibration.

Everything that happens in the physical world is a consequence from the field intensity alteration. It is the master of construction, changes, maintenance and destruction.

Today, modern physics, electrical engineering and power engineering handle electric tension. It is the field tension in the generator that generates, or in the transformer that transforms the electricity. The effect in case of a short circuit of 5, 50, 500, 5000V electric tension is different because it is proportionate to the field tension in the generator or the transformer.

Modern scientists use the direction of field extension, the dissociation to derive physical nuclei – energy from the nuclei of some kinds of atoms. They do this by controlling the field intensity of the atoms. They can keep it stable, within the requisite limits for generating electricity in power stations. But they can also remove the limits for increasing the field intensity of atoms in the nuclear bomb. Unfortunately, the effect of this is well known.

As I have mentioned above *all the physical nucleuses are the same in content and different in size and qualitative manifestation.*

From this definition I will pay attention upon the differences between nucleuses. I will start with the *qualitative manifestation* of a nucleus.

Qualitative manifestation means the direction and the intensity of the physical system's field. It literally means the quantity and speed with which physical nucleus exclude from the central nucleus when the direction of the field is extension and the quantity and speed of exclusion are proportionate to field intensity.

Let's see the heavenly bodies referring to astronomy achievements. In it stars are classified according to the spectrum, the color of their light radiation. It is a qualitative manifestation of their nucleuses. The different quantity and speed, with which they exclude, is due to different intensity of their fields.

And now let's have a look at atoms by referring physics achievements. To start radiating energy, it needs to be set in a state of tension, i.e. to be set in a higher energy level. The number of nucleus's energy levels according to physics is nine.

Each physical field is able to exist and does it only within the bounds of these levels of intensity. Depending on its nucleus's size, it can exist in certain space bounds, where it interacts with other physical systems and is influenced by them, and

where the intensity of their fields enables its existence within the bounds of its nine levels of field intensity. Above and under these spatial and field bounds it cannot exist. There will exist physical systems having nucleuses of different size – bigger or smaller.

Size is another difference between the nucleuses.

Therefore, the intensity of the ambient field moves to and sets the physical systems in the space, where they can exist or it changes the size of their nucleuses.

The nine levels of the physical system's field intensity are divided into three for each of the three types of physical condition of matter. Here the best example is the Earth.

The matter around a physical nucleus in the fourth period is formed from top to the bottom. Firstly gases, then the liquid and finally the solid. For the ninth field intensity levels they correspond as following - to the 9th, 8th and 7th – gases, to the 6th, 5th and 4th – the liquid and to the 3rd, 2nd and 1st - the solid. The intensity of the field around the nucleus decreases in the course of time from the 9th to the 1st level as the nucleus is exhausted and diminished because of the extracted physical systems from it.

From the mentioned above, we can come to the conclusion that in modern physics:

The physical systems in the micro-world, with field intensity from the first, second and third levels are the elementary negatively charged particles.

The physical systems in the micro-world, with field intensity from the fourth, fifth and sixth levels are the neutral elementary particles.

The physical systems in the micro-world, with field intensity from the seventh, eighth and ninth levels are the elementary positively charged particles.

The nine levels of physical system's field intensity are the origin and the source of the cult of number ten, decimal system and figures.

But number ten still does not exist.

From the mentioned till now it follows that in different intensity of the ambient field, there could be nucleuses of different size. The different sizes of nucleuses are separated by transitions.

I would like to mention again that if a physical nucleus gets into field with critical tension that does not allow its field's existence within its nine levels of intensity, the nucleus will be modified to the appropriate size for the new intensity by going through the transition or it will be moved to the space, where it could subsist.

The numerical symbol of the transition is Zero. Then this part of lower water, which is located in this nucleus, is in the third period of its circling and the nucleus is invisible, because the two propensities are in equilibrium and it does not perform in none of its nine levels of qualitative manifestation.

In reality, physical systems circle in different conditions and because of that the options are plenty. That is why here I will present the two utmost ones.

The first is when the physical system makes its circle in an ambient field that constantly changes. The second is when the ambient field influences the system, through sudden changes of its direction and/or intensity.

The nine levels of a physical system's field intensity and the transition of its nucleus are expressed with the ten figures of the mechanical or electronic counter.

Fortunately, the Earth follows the first option and in order to trace its development through the changes of the counter, I will provisionally accept, and quite arbitrarily, that the possible nucleus's sizes in the Universe are seven in number.

For that reason, our counter will have seven positions 0000000.

The seven zeros show that the Earth's core does not perform in either of its quality levels or size, because it is in the third period of its circle. When the fourth period of the Earth's circle started the counter wrote out 0009000. This shows, that at that time the Earth's core had been of medium size and the field with the intensity of ninth level, and around the core its field had been formed. Then the Earth became a star.

As the time passed, the intensity of the field was normally getting decreased since the core size decreased because of the constant exclusion of physical systems from it till the counter consecutively read 0008000, 0007000 and reached 0006000. At that time liquid appeared on the Earth and the Earth began to resemble today's Jupiter.

The intensity of Earth's field continued to decrease and the counter reached 0005000. Then the Earth's surface was liquid.

When the counter read 0003000, the solid Earth's crust appeared, too. I suppose that the Earth today is 0002000.

When it reads 0001000, it will resemble Mars and the Moon.

And when the Earth's core depletes itself, its field will disappear and Earth will stop being a physical system. It will be just a stone, a sum of chemical systems and the inertia of the centrifugal force will break it to pieces. A stream of asteroids will float along the Earth's orbit debris, like these ones between Mars and Jupiter and the ones from Saturn's ring.

Till now these were consequences only from the first option, with constant development of the physical system. But when the change of field intensity comes to be abrupt and in large bounds or its direction is changed, the consequences from this are different.

Abrupt changes in the physical systems are a result of the external impact in their interaction with other physical systems, from the extent of non-conformity between the size and the qualitative manifestation of the nucleus and the intensity of the ambient field.

Passing through the transitions can be quiet, easy and invisible or instantaneous explosion or implosion.

If during the second period of the circle of a powerful black hole a physical system occurs in its field, the physical system's field intensity will decrease from 0005000 to 0001000 and if the external field of the black hole does not allow our physical system's field to survive and to exist on the first level, it will make a transition. If it is close to the black hole's nucleus, it will inflow directly in it. But if it is at a distance, it will fuse with others and together they will form a new, bigger nucleus, and the counter will read 0090000.

If during the second period of the circle a physical system occurs in the field of a powerful star, the intensity power of the same physical system will increase (it happens this way with comets), as an example from 0005000 to 0009000, and if the external field of the star does not allow the field of our physical system to stay and to exist on the ninth level, it will make a transition. If it is close to the star, our nucleus will pass through several rapid transitions, turning into smaller nucleuses, at the rate of 0000900 and by decreasing the intensity of its field to make the next transition to 0000090. During these transient transformations, all the nucleuses are going away from the star and if the last nucleus is able to exist within its nine field levels, it will continue to exist as an independent physical system. According to the counter, a nucleus's size of 0000001-9 will be the nucleus of the smaller physical system.

It is the original sense of the decimal metrical system, which has been lost for a long time, and this system has left to be just a decimal counting system. But entering upon the third millennium was a bright example of what can the lack of knowledge and unadvisable use of both systems - decimal and duodecimal, lead to.

The decimal system is not a time measuring system and that was the reason for the disorientation of many people about the exact end of the second millennium – the year 1999 or the year 2000, and about the beginning of the third millennium in the year 2000 or 2001. And also about what a zero year means.

The duodecimal system of circumrotation and the Zodiac is a time measuring system. It is simple and clear. According to the twelve-year Jupiter circle, where each of its twelve years is marked by an appropriate animal, the year of one of the animals, is followed by the year of another one and there is no a zero year. Any doubt or mistake is impossible.

§ 4.2 THE DENSITY OF THE PHYSICAL FIELD – SPACE.

The density of the field is the space. It has four densities, vertically positioned – from the interstellar vacuum to the nucleus.

Equivalent to the four field densities in modern science are the four physical conditions of matter.

- plasma – the ether
- gas – the air
- liquid – the water ocean
- solid – the Earth's crust

In the four densities there can fulfill and exist only possibilities meant for each of them.

§ 4.3 – THE PHYSICAL DENSITY OF SPACE.

The first density of space in vertical direction is the ether – the space where there are only physical systems established – elementary particles.

The term ether was used by science in its classical period and today it is not current any more. But practice proved it to be a mistake and today the term “ether” goes by the name of “plasma”.

And about the ether Newton said the following:

“It should be added something about some finest ether, penetrating into all bodies and consisting in them...and under the action of the particles of the bodies, in too small distances between them, they attract each other, and when they come into contact they get combined. It challenges the actions of electrification of bodies, which repel or attract the nearest material bodies...But as it is, we don’t have enough experiments in stock through which the laws of action of this ether would be precisely defined or displayed”.

Einstein also took up an attitude to ether in 1920:

“Recapitulating, we may say that according to the general theory of relativity space is endowed with physical qualities; in this sense, therefore, there exists an ether.

According to the general theory of relativity, space without ether is unthinkable; for in such space there not only would be no propagation of light, but also no possibility of existence for standards of space and time (measuring-rods and clocks), nor therefore any space-time intervals in the physical sense.

But this ether may not be thought of as endowed with the quality characteristic of ponderable media, as consisting of parts which may be tracked through time. The idea of motion may not be applied to it”.

Plasma can be dangerous for everything on the earth surface. When the solar activity gets increased and the solar wind reaches the Earth, it causes interferences in transport, power supply, communications and health. It happens despite the defense by the earth’s field.

§ 4.4 – PHYSICAL SYSTEM.

With the appearance of the physical nucleus, appears its field too. The nucleus is the cause and the field is the consequence. They are always together. There cannot be a nucleus without a field and vice versa. They both represent the physical system.

Therefore, **the physical system consists of a nucleus and a field** or in other words: **physical system is that system which has its own physical nucleus.**

Such are the elementary particles, atoms, planets, comets, stars, black holes, galaxies and etc.

The form of the physical system is determined by the form its nucleus and it is sphere.

In paragraph 2.2, I have mentioned that **all physical nucleuses are the same in their content and different in size and qualitative manifestation**, but everything begins and ends with the smallest possible physical nucleuses in the Universe. They appear first and disappear last, because they are the most stable physical systems against the influence of the two propensities. Because of their numerousness, ubiquity and hardness they are the beginning and the end of the physical field, the

beginning and the end of everything tangible in the Universe. They are the physical field itself.

The smallest physical systems are two kinds:

- Systems created by the interstellar vacuum, when the propensity for contraction is predominant.
- Systems created by the nucleus, when the propensity for extension is predominant.

They are the only physical nucleuses in the Universe, which do not have satellites and are (practically) the same, so the interaction between them is weak and very slow.

They are the chaos of the ancient Greeks, but the chaos is when there is no a black hole evinced – a central nucleus, which to decree inequality – cosmos – order. In this case they are identical and equal in rights and there is no cosmos – order, but chaos - equality.

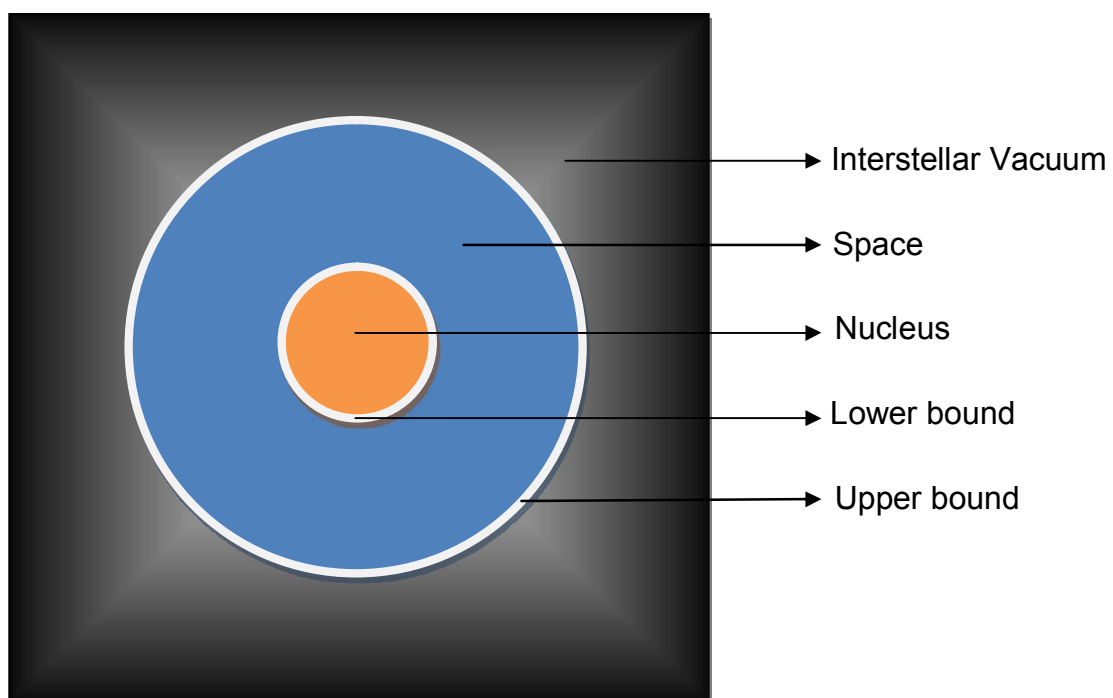
From the mentioned till now, well known have become three of the notions about the structure of a physical system: the upper water, the lower water and the physical field.

Well known has become the location of these three notions:

- Of the upper water – the interstellar vacuum
- Of the lower water – the nucleus
- Of the physical field – the space.

But between these three places there are two margins.

Physical System



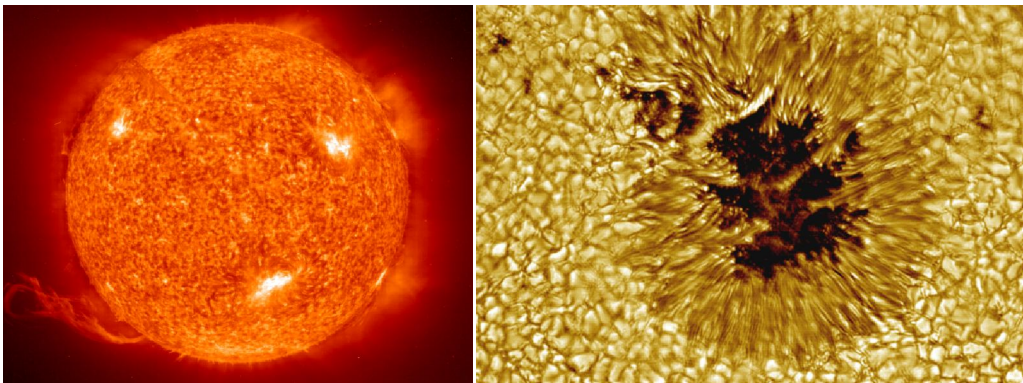
§ 4.4.1 – THE LOWER BOUND OF THE PHYSICAL SYSTEM.

The lower bound of the physical system is between the nucleus and the space.

In the second period of the circumrotation, the lower bound lets through itself the smallest physical nucleuses only in one direction – from the space to the nucleus. At this time, in the opposite direction, through it from the nucleus nothing can get out, even the smallest nucleuses.

In the fourth period of the circumrotation, the lower bound lets through itself the smallest physical nucleuses only in one direction – from the nucleus to the space. Then, in the opposite direction, through it nothing can come into the nucleus, even the smallest nucleuses.

In the reality the lower bound can be seen in the lowest part of the solar heliosphere above the very sun core, where the granules and dark spots are formed.



http://umbra.nascom.nasa.gov/images/eit_19970914_0121_304.gif

http://antwrp.gsfc.nasa.gov/apod/image/0511/sunspot_vtt_big.jpg

§ 4.4.2 – THE UPPER BOUND OF THE PHYSICAL SYSTEM.

The upper bound of the physical system is between the space and the interstellar vacuum.

In the second circumrotation period, the upper bound lets through itself the smallest physical nucleuses only in one direction – from the interstellar vacuum to the space. Then in the opposite direction, through it from the space nothing can come out, even the smallest physical nucleuses.

In the fourth circle period, the upper margin lets through itself the smallest physical nucleuses only in one direction – from the space to the interstellar vacuum. Then, in the opposite direction, through it from the space nothing can come out, even the smallest physical nucleuses.

In the fourth circle period, the upper margin is practically imperceptible. It can be defined just in theory, through calculation.

§ 4.5 – CONSTRUCTION, EXISTENCE AND DESTRUCTION OF A PHYSICAL SYSTEM.

The lower water's circumrotation – the construction, existence and destruction of a physical system go over four periods.

1. Let us presume that there is nothing in the Universe but the upper water, it means that there is no motion, because there is no direction and no goal. There is no "Where to..." and "Where...from". It is impossible to distinguish one thing from another. There are no propensities, field, space and time. "The law of unity and struggle of opposites" is invalid because everything is "One".

During the first development period of the physical system, waters are brought into correlation of Oneness – a complete fusion and they are invisible. That is why; today this period is an outfield.

2. So that the circumrotation to make a start, from the upper water the lower one is distinguished and "One" gives birth to "Two". "One" is the reason for their unity, and "Two" – for the discord and struggle between them.

If a body is dragging another one behind itself with an elastic band, at the start, in their set out, the first body will march away on its own, will get an outstrip velocity and will increase this velocity till the elastic band between the bodies is allowing it.

When the band elasticity is reduced, a slow movement of the second body will also start. Its velocity will pick up till the band elasticity is spent, and the velocities of both bodies become equal.

While the first body is moving at the same speed, the distance between the two bodies will keep being unaltered. But if the first body slows its speed down, the band elasticity and the second body's inertia will keep its velocity unaltered and it will exceed the first body's speed. If the first body keeps slowing down its velocity, the difference between the velocities of both bodies will increase, and somewhere ahead in time and space the second body will draw level with the first one.

From the beginning of the circumrotation, when the separation of the lower water from the upper makes a start, the propensities between them will come out and as a result of it – the field. Then, according to the principle of anticipatory attack, the propensity strength of the lower water will exceed the propensity of the upper and will determine the direction of field contraction, and its intensity will provoke the act of sucking lower water's particles out from the upper water – smallest nucleuses which will start to attract each other and fuse. When one of them gets larger in size among the others, it will become central for the surrounding and they will start flowing into it. It will turn into a black hole. Until the direction of the field is to contraction, the filling of the nucleus will continue – a flow of smallest nuclei into the black hole.

In the second period, nothing can come out of the black hole, even the smallest nuclei.

During the second period of the physical system's development, waters will be in correlation of disunion. The propensities will appear, the field, the motion, and also the time and space. The space will be shrinking and the time will be going backward.

From this period we know the black holes and the inplosion of heavenly bodies.

3. Because of the enlargement of the black hole and the diminution of the effect of anticipatory attack, the field intensity will be decreasing until the propensities of the waters are brought to equilibrium. The flow of smallest nuclei into the black hole will stop. The propensities will disappear and so will the field, motion, time and space.

In the third period of the physical system's development, the propensities of both opposites will be in equilibrium and waters will be in correlation of Dualism – a complete disunion and the nucleus will become invisible. For this reason, today it is an unknown period for us. But just before the third period came, at the very end of the second and shortly after completed the third, at the beginning of the fourth, the field of physical system is still visible. In modern astronomy these are cosmic lenses.

4. In expiration of the third period, the equilibrium will be disrupted. The upper water's propensity power will start to exceed the propensity power of the lower water and will define the direction of field extension, and the field intensity will cause suction of lower water particles – smallest nucleuses from the central nucleus.

The suction of lower water particles is possible only at the rate of the smallest physical nuclei.

In the physical nucleus there is never and there can be nothing but lower water. In the second period, nothing can penetrate in it, by no means, even smallest nuclei.

The nucleus can be: absorbed by another nucleus, broken into pieces, sucked out slowly or quickly through explosion from the field intensity, but penetration into it is impossible.

At the beginning of the fourth period, the propensities will appear again and also the field, motion, space and time. The correlation between the two waters will be integration. The space will be getting larger and the time will pass in the right direction.

Today the Earth is in its fourth period.

All the changes in the physical system's condition are in consequence of the field intensity alteration and the intensity changes as a result of the proportion alteration (non-equilibrium) between the propensities of both waters.

The proportion between the propensities of the two waters of each physical system is a result of the normal, determined by natural laws development of the system and the influence exerted on it by the United universal field whose direction, intensity, density and power are changed and distinguished according to the availability, number and disposition of the physical systems in it, subject to the rule: **"The big and strong, masters and subjects the small and weak and converts it in his own image! "**

The field (matter) around the nucleus, in the first half of the fourth period will be formed in a descending line and spherically, from without inwards. Firstly, ether will be build – the physical systems. The ether will be also formed from the outside. Initially, the outermost nucleus's occupancies consisting of quite small physical systems. The more inward stratum will consist of larger elementary particles and so more and more inwards to the nucleus, till it comes to the atoms and gases. Admittedly, according to Mendeleev's table, hydrogen will come out first, then helium and etc.

Modern scientists know that comets' heads are folded in a *"hydrogenous cloud"* and that around the stars' nucleuses there is *"hydrogen burning"*. It is so, because it is produced there, by the sucked out of the nucleus elementary particles which are grouped together around, and it transforms into helium.

Later vapours will come out; under them liquid will be made, and later on, under the liquid there will be the solid formed.

Matter disruption around the nucleus, during the second half of the fourth period will be accomplished in the same order – from top to bottom. First is the ether, then the air, the liquid and finally the solid.

The development of a macrocosmic physical system in the fourth period is accomplished in the following succession:

A star “radiating” in the highest part of the electromagnetic spectrum, beyond visible light

A star of O-class spectrum, white-colored

A star of B-class spectrum, blue and white colored

A star of A-class spectrum, blue-colored

A star of F-class spectrum, green-colored

A star of G-class spectrum, yellow-colored. Such is our Sun.

A star of K-class spectrum, orange-colored

A star of M-class spectrum, red-colored

A star called “Brown Dwarf”

A star whose nucleus is folded by gases and vapors – a gas planet - Jupiter



Jupiter



Earth



Mars

http://antwpr.gsfc.nasa.gov/apod/image/0605/redspot2_hst_f.jpg

<http://www.solarviews.com/raw/earth/earthaf.jpg>

http://www.msss.com/mars/pictures/usgs_color_mosaics/marineris.gif

After the vapours the liquid will appear, and then the solid. After constructing the four physical conditions of matter around the nucleus, in certain values of the field intensity, according to the expression “*All in good time*”, the whole variety of matter forms that exist today on the earth nucleus will come out too. This is our home – planet Earth.

After a time, the destruction of our physical system will make a start, from above downwards. At first, ether will disappear and then gases. Liquid will come down to earth, and then it will disappear, too. In such condition today is Mars.

After some more time it will resemble the Moon.



Moon



Asteroid

http://antwarp.gsfc.nasa.gov/apod/image/0012/moon3rd_armstrong.jpg

http://antwarp.gsfc.nasa.gov/apod/image/0406/idadactyl_galileo_big.gif

The whole development of the in hand physical system is a result of the lower water “detachment” from the nucleus and the decreasing of its quantity and from there – the nucleus size decrease. It will continue till the complete running low of the lower water from the nucleus and, therefore, it will also disappear. The system will not be physical anymore. It will turn to be a stone ball with no gravitation and while it is spinning round, the centrifugal force will break it into pieces. Debris, like those in the asteroid belt between Mars and Jupiter, will start floating along the orbit of our dead physical system.

This is the “usual” evolution of physical systems but it does not always happen like that. Everything in the Universe is adjusted finely. The universal field is integrated, but its intensity is different all over the place. For that reason, physical systems “omit” some stages of the process described here above. And there are such of them that get to the end of the period “in a couple of ticks”. These are the well-known inplisions (collapses) of heavenly giants and the enplisions of new and ultra new stars.

§ 4.6 – INTERACTION BETWEEN TWO PHYSICAL SYSTEMS.

The proportion between the propensities of the two waters of each physical system is a consequence of the natural development of the system itself and the impact of the Integrated universal field (ambient field) on it. The direction of this field, its intensity, density and power get changed and are distinguished depending on the availability, the number, the state and the disposition of the physical systems in it.

In the second and fourth period of the circle, the motion is absolute and the peace is relative and unattainable. But for all that, in the interaction between two physical systems, the equilibrium between them is an objective of each outside motion and inside state. And that is why, they accomplish three main actions:

- Synchronous rotation
- Transference of their nucleuses
- Alteration of direction, intensity, density and power of their fields

§ 4.6.1 – THE FIRST MOTION OF PHYSICAL SYSTEMS – SYNCHRONOUS ROTATION.

If we compare the physical system to an electric machine, it will be a generator and an engine at the same time. A generator, because its nucleus “gives away” smallest physical nuclei and creates its own field, and while it is interacting with another bigger physical system, it submits to its field, turns into an engine and begins to rotate around its own axis, in the same direction as the bigger one.

This is the night-and-day rotation of Earth.

§ 4.6.2 – THE SECOND MOTION OF PHYSICAL SYSTEMS – TRANSFERENCE OF NUCLEUSES – EXTERNAL EQUILIBRATION.

If we symbolically represent the nucleus like a yacht, with no engine, then the field will be its sail. In interaction between two physical systems, the intensity between their fields will be the wind, which will fill out their sails to a definite degree and in a definite direction, ***turning the physical systems on equilibrium between them.***

In interaction, the fields aim at equilibrium state, with zero intensity one toward another. In order to create it, the fields transfer their nuclei to a distance that answers the aim between them.

Four are the preconditions exerting influence on the interaction between two physical systems.

- The size of their nuclei.
- The distance between their nuclei.
- The distance of the nuclei from the equilibrium position between them.
- Their fields` direction and intensity.

In their interaction, two physical systems can be situated in three spatial dispositions one toward another:

- To be at distances at which they attract each other.
- To be at distances at which they repel.
- To be in an equilibrium position.

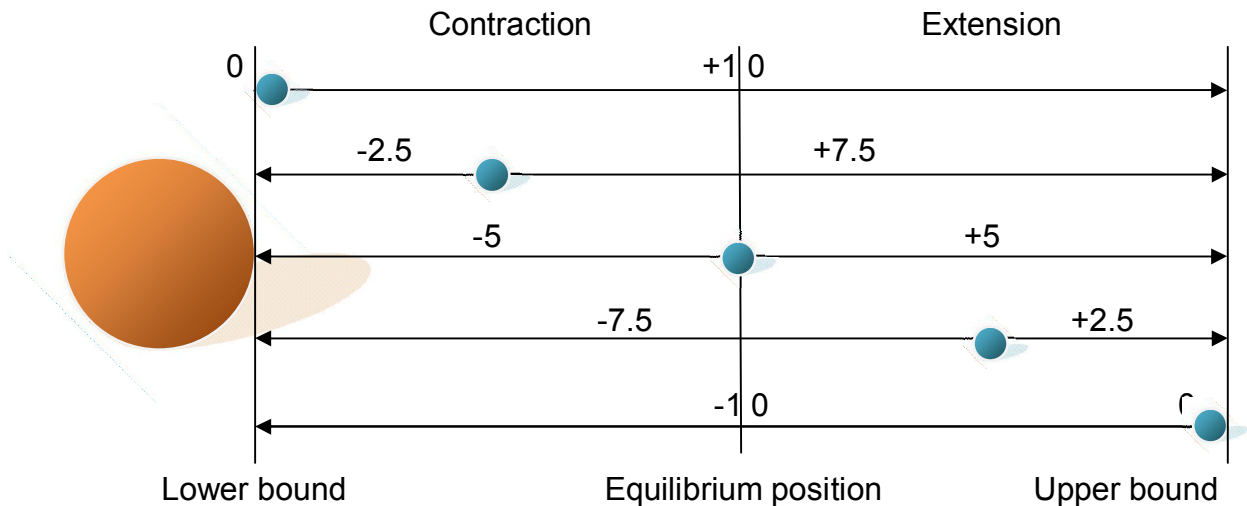
From these three items it becomes obvious that physical systems move themselves radially through going closer to each other ore moving away from each other. The aim of both motions of physical systems is always to reach their equilibrium position.

What is an equilibrium position?

Physical systems` fields have different intensity. That is why, in their interaction, two physical systems put their fields together and establish the equilibrium distance

between themselves, where the intensity between their fields is zero and their fields aim at disposing their nuclei at that distance.

The alteration in proportion between the propensities for contraction and extension when two physical systems interact between each other as a result of the radial movement of the smaller one from the bottom to the top margin of the field of the larger one looks like that.



The distance of equilibrium position between two physical systems is:

- Proportionate to the difference of the size of their nuclei.
- Proportionate to the sum of their fields' direction and intensity.

Radial velocity of movement of natural systems to or from their equilibrium position is:

- Proportionate to the difference of the size of their nuclei
- Proportionate to the sum of the direction and intensity of their fields
- Proportionate to the distance from the place of interaction inception, to the place of their equilibrium position.

I will give as an example an interaction between a star and a photon, born by the stellar nucleus.

On item one about velocity – the difference in the sizes of the nuclei of the star and the photon is huge. Consequently, the speed of the photon to their equilibrium position will be huge.

On item two about velocity – the sum of the direction and intensity of their fields, the direction of both is to extension and the intensity of their fields and between their fields is huge. Consequently, the speed of the photon to their equilibrium position will be huge.

On item three about velocity – the distance from the place of interaction inception (stellar core's surface), to the place of their equilibrium position is the maximum possible. Consequently, the speed of the photon to their equilibrium position one toward another will be the highest possible.

In the example above the photon will be launched at the velocity of light to the place of its equilibrium position toward the star. Its radial movement will start – nucleus's transference to get an external equilibration between the star and the photon.

Since the beginning of the radial movement to the photon equilibrium position, its velocity will accelerate. The acceleration will lessen as the photon comes closer to its equilibrium position toward the star.

If scientists today capture such light, its spectral lines will be drawn away to the violet end of spectrum.

The violet shift of spectral lines of light is a sign and a measure for its movement deceleration and the accession of light to its equilibrium position toward the source of its radiation.

Once the photon has reached its equilibrium position toward the star, its speed acceleration will cease.

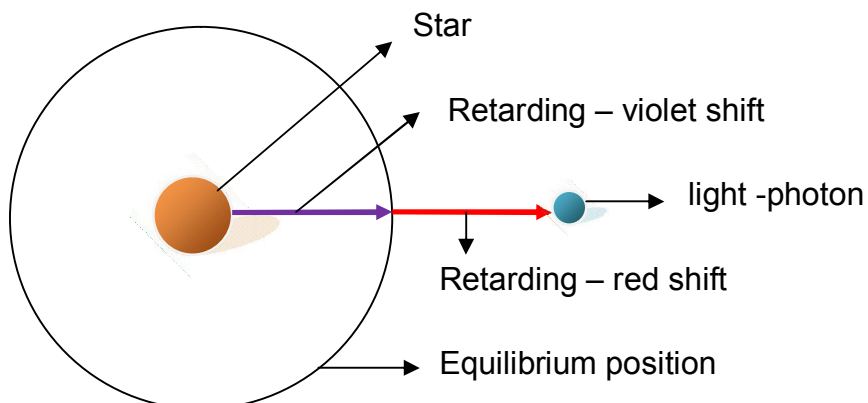
In actual fact, the Earth is not likely to be in the equilibrium position of the photon to the star, but theoretically, it is possible, and if scientists capture such light, its spectral lines will not be drawn away neither to the violet nor to the red end of spectrum.

Once the photon passes the equilibrium position toward the star, its speed will be slowed down. By removing the photon from its equilibrium position, the deceleration will increase.

If scientists capture such light, its spectral lines will be shifted toward the red end of the spectrum.

The red shift of spectral lines of light is a sign and a measure for its movement deceleration and removing the light from its equilibrium position toward the source of its radiation.

From the mentioned above, we can come to the following conclusion: the velocity of light is variable and it is not the top speed in the Universe.



And now I will give a sample of interaction between a star and a comet.
Comets are heavenly bodies caught by the field of the star and held in it.

Since the moment of hold – the beginning of their interaction, the two fields are put together and determine the place of the equilibrium position of both heavenly bodies one toward another.

As a result of this, the comet (the smaller system) will proceed to its equilibrium position, towards the star, with a shrinking acceleration. By reaching the equilibrium position towards the star, the acceleration of the comet will cease and after its passing, the speed of the comet will start slowing down.

After passing the equilibrium position and coming closer to the star, the field intensity of the comet will rise because of the influence of the stellar field which will cause more intensive "radiation" from its core.

Field intensity of the comet and the radiation coming from its core will intensify while the comet is approaching the star. But field intensity of the star and its "radiation" will subordinate the "radiation" from the core of the comet and will force it in their direction – outward, far from the star.

That is why, a bright tail is formed around the field and it is always directed outside the star all the time, while the comet is inside the circumference of its equilibrium position toward the star.

After the comet goes round the star and reaches its perihelium, it will start moving away from the star and approaching closer to its equilibrium position. Its speed acceleration will start and the intensity of its core "radiation" will be decreasing. When the comet passes the circumference of its equilibrium position toward the star, its speed will start slowing down and its bright tail will die out. The deceleration will increase while it is going away from the circle of its equilibrium position.

With the comet's receding, out of the circle of its equilibrium position, chemical matter will appear on its core. When the comet reaches its aphelium, the core will be covered with chemical matter. After the "aphelium", the comet will start back to its equilibrium position and to the star and this orbital movement will be reiterated.

From the mentioned above, it is seen that ***the comet is a heavenly body hybrid, a star – planet. When it is inside the circumference of its equilibrium position, it is a star, but when it is outside it, it is a planet.***

From the view of the present day, it is seen that a star is a heavenly body around the core of which, there is not chemical matter (practically), and a planet is a heavenly body whose core is covered with chemical matter.

The shape of the orbit of comets is oval, whose degree of ovality depends on the angle under which the comet is crossed for the first time the circle of the equilibrium position toward the star.

In a long time the comet's orbit will resemble a circumference and the comet itself will remain to be just a planet.

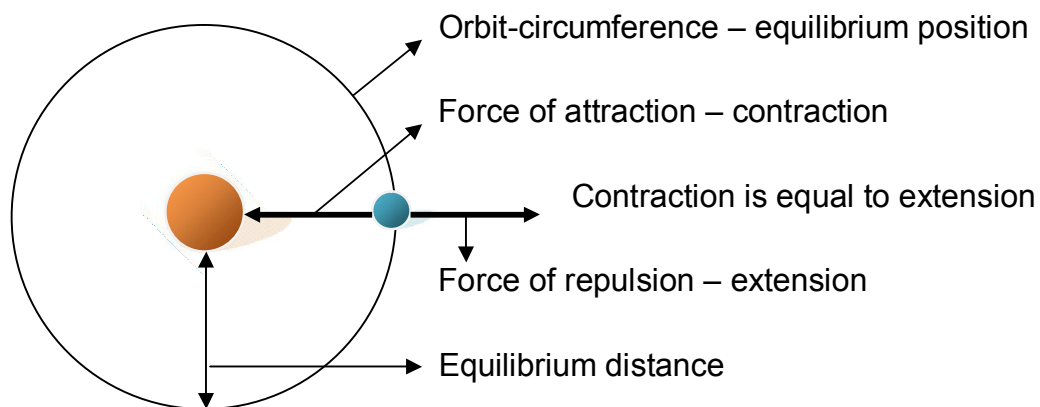
The orbit elipticity of a heavenly body is a sign and a measure to show that it has been a satellite for a short time and is making radial motion towards equilibration and establishing itself in equilibrium position toward the central heavenly body.

When the satellite's orbit is a circumference, it is a sign that it has already established itself in its equilibrium distance and is going round the circumference of its equilibrium position toward the central heavenly body.

The length of the orbit of a physical system is equal to length of the circumference of its equilibrium position.

Current movement of the planets of the Solar system along an orbit is the final step of their radial motion and establishment in equilibrium position towards the Sun.

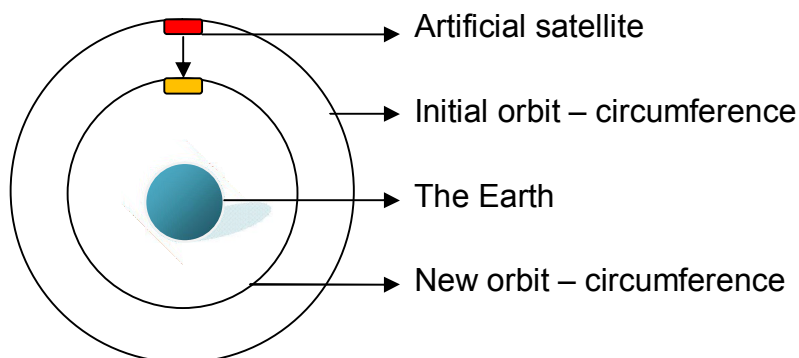
The equilibrium position between two physical systems is the cause for them to stay solid in their orbits.



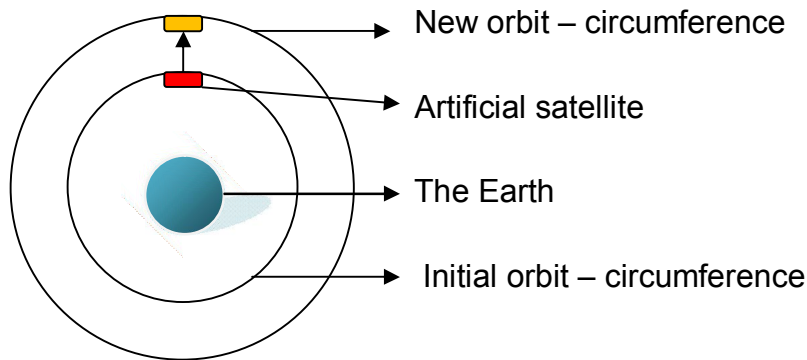
The interaction between two physical systems is different from the interaction between a physical and a chemical system. In the second interaction – ***with the artificial satellites it is valid the scientists' modern statement that the gravitation and the centrifugal force keep them in orbit.***

This can be illustrated with examples of change of orbits of artificial and natural satellite.

If an artificial satellite goes round an orbit and we move it closer to Earth, it will start going round a new orbit which circumference will be smaller from the initial one. But if we make a mistake, it could fall on Earth.

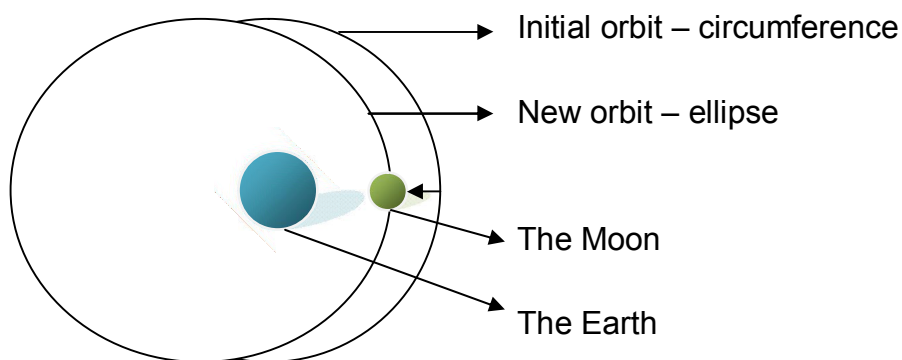


If an artificial satellite goes round an orbit and we move it farther away from the Earth, it will start going round a new orbit whose circumference will be larger than the initial one. But in case of a mistake, it will fly away in Space.

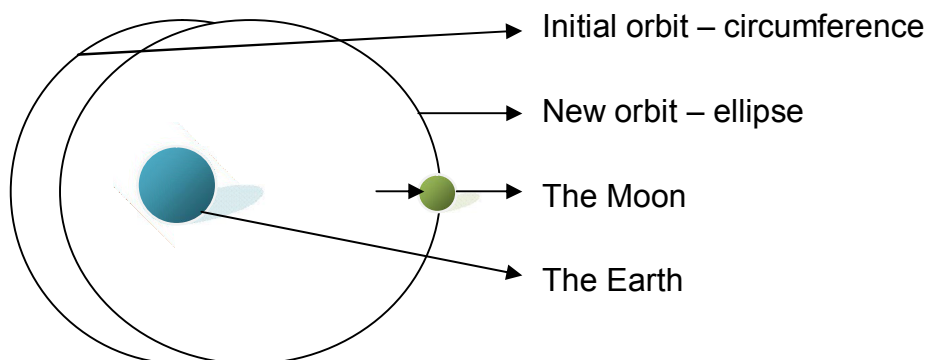


With the all three positions, the orbit of the artificial satellite will be a circumference.

If we move the Moon inward to the Earth, it will start going round the Earth on a new elliptic orbit whose closest point to the Earth will be the distance from the initial orbit with which we have moved it, and the farthest point will be beyond the initial orbit at the same distance. When moving the Moon to the Earth, even if make a mistake, it cannot fall on the Earth.



If we move the Moon farther from the Earth, it will start going round the Earth on a new orbit, whose farthest point from the Earth will be the distance from the initial orbit with which we have moved it, and the nearest point will be inside the initial orbit, at the same distance. When moving the Moon farther away from the Earth, even in case of a mistake, it cannot fly away in Space.



After a long time, the elliptic orbit of Moon in both cases will change itself and it will begin going round the circumference of its equilibrium position toward the Earth.

The examples with the artificial satellite have happened and they have been checked, and the examples with the Moon are imaginary. But if we cannot shift the Moon, the examples might become real if we look at the comets in the Solar system with their elliptic orbits.

How is the chemical matter around the nuclei of two physical systems influenced in the interaction between them and what influence does it exercise itself in such an interaction?

The strength of the propensity for contraction of the central nucleus is increased by the propensities for contraction of the physical and chemical systems in its field, toward it and between them.

When two central nuclei interact between each other (Earth – Moon), the nucleuses of the physical and chemical systems from their fields are also attracted by the other central nucleus. This way they reduce the strength of the propensity for contraction – their own central nucleus's gravitation, increase the intensity of its field and move away from it (from the nucleus).

Good examples of this are huge tides provoked by the Moon.

Other cases in point are vertical earthquakes and giant tsunami waves. They are provoked by the creation of dark spots on the earth nucleus, under the earth crust. These spots are the same as the ones that appear and can be seen on the sun surface and are developed the same way.

In cases where tsunami waves are formed, the spot's development resembles a drop falling on smooth water surface, the result of which are waves, that with circular motion move away on water surface, outside the place of the drop fall. The drop's fall provokes the vertical tremor, and the wave's circular motion on the earth's nucleus under the earth crust, provokes vertically above itself, the intensity alteration of the earth field. This extends the matter over the wave and on the earth or water (ocean's) surface is running another wave with higher intensity, following the wave from below.

§ 4.6.3 – THE THIRD MOTION OF PHYSICAL SYSTEMS – CHANGE OF FIELDS' DIRECTION, INTENSITY, DENSITY AND STRENGTH – INTERNAL EQUILIBRATION.

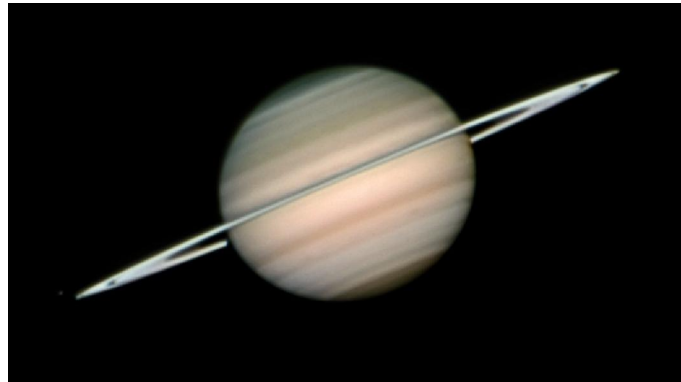
Today it is well-known that heavenly bodies accomplish two basic motions – diurnal spinning round their own axis and going round the central heavenly body. But physical systems accomplish also a third motion – spinning round an own axis which coincides with the orbit.

This third motion is the reason for the axes of diurnal spinning of the planets in the Solar system to have a different tilt toward their orbital planes, and Venus and Uranus have even rotated at 180 and 270 degrees toward the ecliptic. Because of the third motion, the Earth has changed its magnetic poles several times and today

they coincide with the axis of its diurnal spinning. The third motion has been the cause for the climate changes.

What is the third motion?

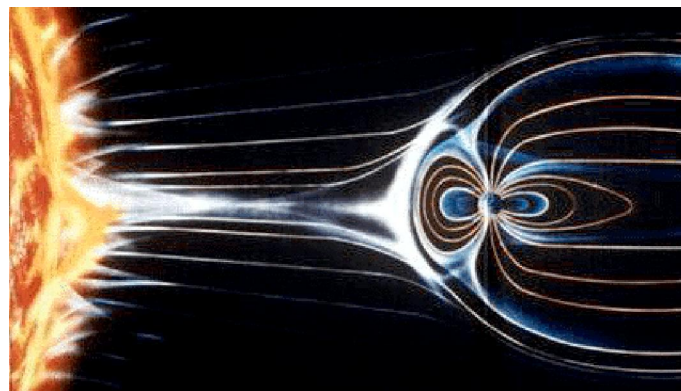
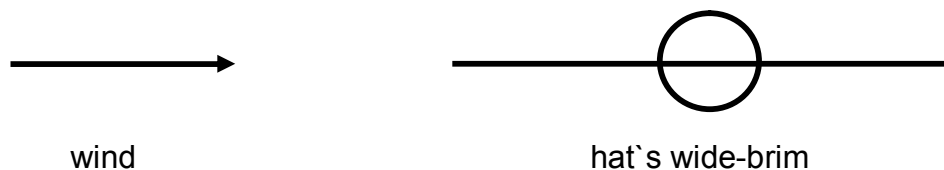
According to the astronomy, almost all planets of the Solar system have rings. With Saturn they are the most obvious. It shows that their planetary equators have their own extension in the form of their fields.



Saturn

<http://antwrp.gsfc.nasa.gov/apod/image/0903/saturnepicdumidicouleurbis.jpg>

I will use symbols here too. The nucleus will be a human's head, the field – a wide-brim hat and the intensity between the two fields – a contrary wind.



<http://sept.hit.bg/windsun.gif>

If the wind is not too strong and the hat's brim is parallel to the wind's direction, the hat will stay on the head. But if the wind is strong or the person raises his head, the wind will push the front end of the brim upward and will blow the hat away from

his head. The same will happen to the earth field. If for some reason solar activity is significantly increased, the earth field will rotate with its pole towards the Sun and will be blown away together with everything on the earth surface and it will turn into a white sheet on which a new chapter about the matter development will be written.

If the earth equator is in the same plain with the orbital plane, on Earth there will be no seasons. The Green belt will meet with the polar hats, in the latitudes of southern Europe. This was during the last glacial period.

When the equator is tilted towards the orbital plane from 20 to 25 degrees, as it is now, three green belts are formed – equatorial and two temperate, divided by two desert ones.

If the equator begins to expand, climate will get warmer and deserts will expand to the equator and mostly towards the temperate belts and the temperate belts themselves will move to the polar circles. Polar hats will shrink and a considerable part of their ice will melt. Summers and winters will be prolonged on the account of spring and autumn and the temperatures will be higher in the summer and lower in the winter.

If the tilt keeps increasing because of the third motion, there will come time when the Earth will rotate 90 degrees and will stand with its pole to the Sun. After some time it will rotate 180 degrees and the equator will again coincide with the orbital plane, but the Earth will rotate contrariwise and the Sun will rise in the west and will set in the east. Magnetic poles will have changed their places. The earth magnetosphere will be changed. Today Venus is in such position.

After some time the third motion will rotate the Earth 270 degrees, with the other pole toward the Sun. Today Uranus is in this position.

And when the Earth describes a full circle along the meridian and rotates 360 degrees, the equator will again coincide with the its orbital plane, and the Sun again will rise in the east. But considerable changes will have happened on the Earth at that time. Gravity will have been reduced. The value of magnetosphere will be reduced, too. Conditions on the earth surface will be different from today`s. It follows from this, that the flora and fauna on Earth will be different and modified.

Fortunately, solar activity is still getting higher up to “normal” limits and provokes only transport, power supply, communication and human health disturbances. But with the most powerful stars that have no chemical matter thing are different.

When there are stars flocked together and some of them orbit a central one, the ones that go round constantly change their locality one toward another. This changes their mutual influence one toward another as a consequence of the unceasing juxtaposition of their fields and the alteration of the intensity.

As they are highly tense physical systems and have powerful radiation, symbolically it means that the wide-brimmed hat is tightly put on the man`s head and the wind coming from the central start can blow it off. But if behind one of the stars moves another one, then the hat brim will be put under a double pressure. At the front, from the central star upward, and at the back, from the third star - downward.

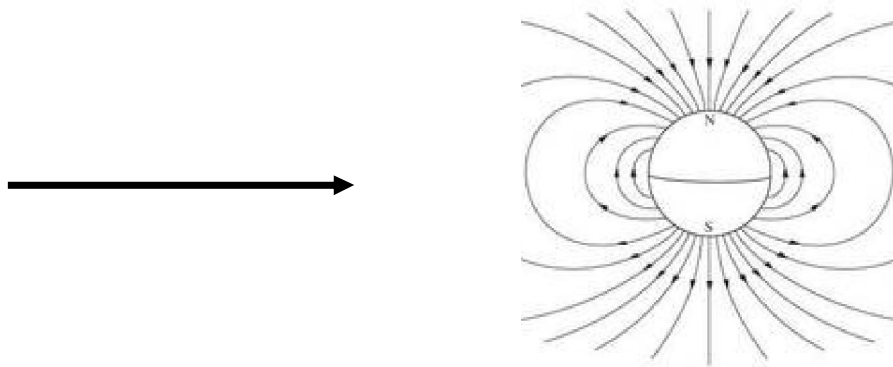
In the Universe everything is in fine non-equilibrium and every abrupt change leads to serious after-effects. In our case, only a slight change in the hat`s brim tilt

can be sufficient to provoke an action with a geometrical progression. The tilt of the field of the influenced star will start speeding up which will provoke respective intensification of its “radiation”. Practically it will be a burst of supernova star.

With planets, the third motion is accomplished slowly and smoothly, and it is invisible for us. With stars it is accomplished rapidly and abruptly and it is visible for us but it happens only once. In micro world, the third motion is accomplished abruptly, quickly and repeatedly. That is why, there can be counted its frequency, i. e. the speed at which the nucleus's field will rotate toward “wind direction”, consecutively in positions: equator with right rotation, north pole, equator with back rotation, south pole, and vice versa.

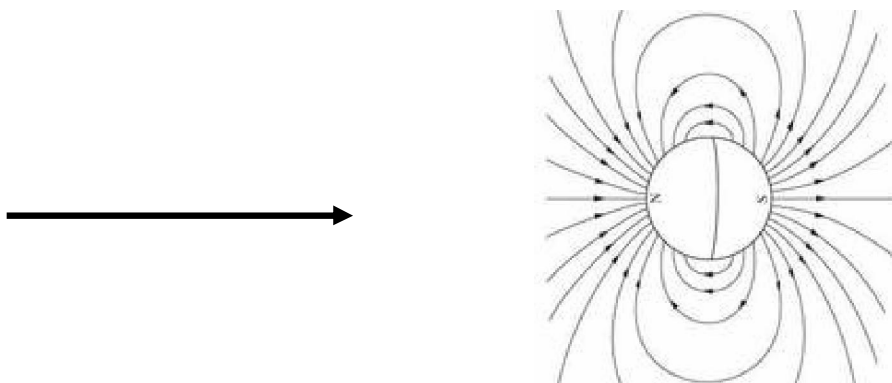
- In position of equator with right rotation to “wind from the left” the physical system will not be radiating.

Expressed by the sine wave graph, it would be a zero point of intersection.



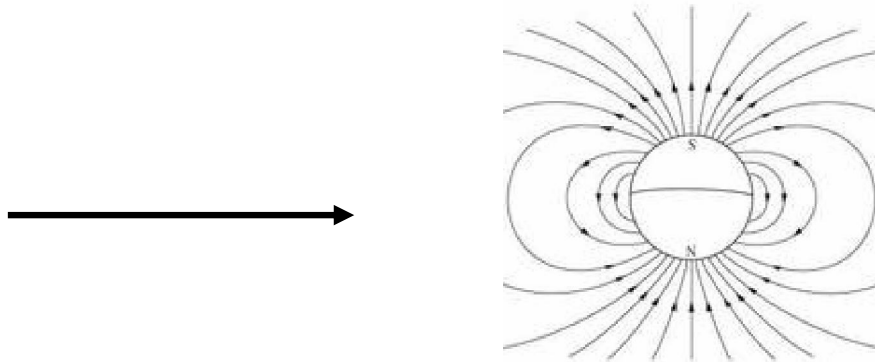
- In position north pole to “wind from the left”, the physical system except for its own “radiation” will let through itself the sun wind too, because magnetic field lines of force on its poles coincide with the solar wind direction and the “radiated” will be on the right, from the south pole.

Expressed by the sine wave graph, it would be its highest point, plus.



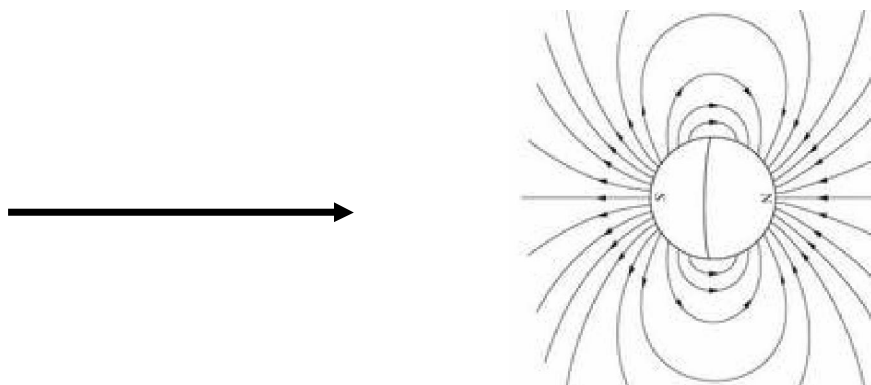
- In position of equator with back rotation to “wind from the left”, the physical system will not radiate.

Expressed by the sine wave graph, it would be a zero point of intersection.



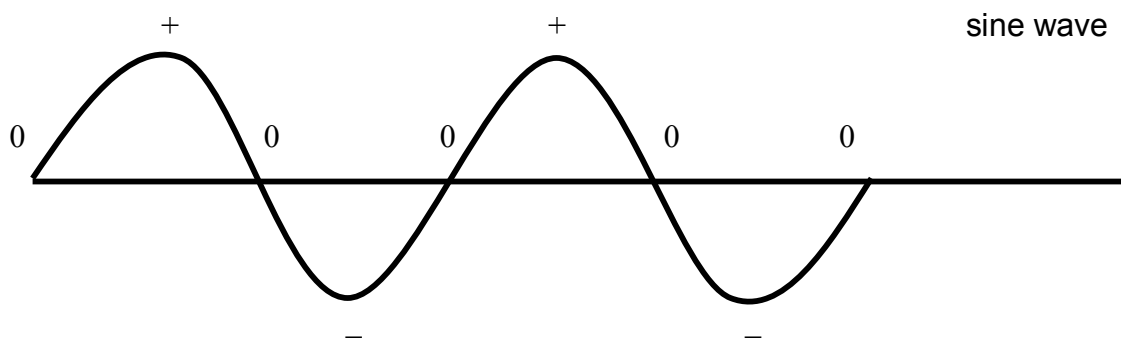
- In position south pole to “wind from the left”, the physical system will “radiate” through the south and will be “plugged up” for the solar wind, because magnetic field force lines at its poles are directed against the solar wind

Expressed by the sine wave graph, it would be the lowest point of sine wave, minus.



http://pic.srv6.wapedia.mobi/thumb/692714432/bg/fixed/230/180/Dipole_field.jpg?format=jpg.png.gif

The constant rotation and the reiteration of the above four positions of physical systems are their third motion.



In interaction between a star and a photon, the photon, in its tendency to counterpoise will make at the same time radial motion for establishing equilibrium position and the third motion.

Since the physical system consists of a nucleus and field, ***the simultaneous radial motion of the photon's nucleus to its equilibrium position and the third motion made by its field are the reasons for the duality of light wave – particle in modern physics.***

The velocity of the third motion is the wave frequency, and the velocity of the nucleus's radial motion to its equilibrium position determines its length.

Correspondent to the simultaneous fulfillment of these two motions in modern physics is electromagnetism, energy.

Electricity – in solid mater and magnetism – in gases.

The direction of nucleuses' radial motion determines the kind of energy:

- Positive – disintegration, when the radial motion is extension.
- Negative – synthesis, when the radial motion is shrinking.

§ 5 – THE CHEMICAL FIELD.

Each physical nucleus creates its own physical field. This way a physical system differentiates itself.

The distinction between physical and chemical systems is that the field of the physical system is created by the nucleus, by the body, but the chemical system's field itself creates its character, form and body.

The field of the physical system is one but the field of the chemical system is complex, it consists of great number of fields. This complex, compound field, a set of possibilities, which creates its own complex and compound character, is the chemical, the personal, the individual field of chemical systems.

All the fields, physical and chemical interact between each other and create the Unified universal field.

The personal field – the Ego is the reason for the self-existence of each separate thing among the whole diversity existing today on Earth. The personal field is what gives the right to every person to say: *“There exist only two things in the world – I and the rest world”*.

With regard to human, correspondent to chemical field is biofield, a word introduced by modern scientists. But for ancient times, two other terms have been used for it: aura – in astrology and soul – in religion.

§ 5.1 – THE CHEMICAL SYSTEM.

Chemical system is the one that has no its own physical nucleus.

Such are molecules and chemical compounds.

They have their own specific crystal lattice.

Physical and chemical systems are governed by different rules and laws.

§ 5.2 – THE CHEMICAL DENSITY OF SPACE.

Chemical density is the space (for example on Earth), where physical systems are made compact and are established in three new different qualitative conditions – chemical systems.

In the Earth space, the field's chemical density is vertically divided into three parts: gas, liquid, solid.

In antiquity, the three chemical densities of space were also called "*The three worlds*" and "*The way of the lotus*". The lotus is considered to be a sacred flower in India and as well as in Egypt. It dwells all three chemical densities together. Its roots are in the soil, its stalk is in the water and its blossom and leaves are in the air.

§ 5.2.1 – THE GAS DENSITY OF SPACE.

The second space density is gas density – the air.

The location of the gas density of space is the Earth's atmosphere.

§ 5.2.2 – THE LIQUID DENSITY OF SPACE.

The third space density is the liquid density. It is the water in the Earth's ocean.

Liquid is the transition, the action that furthers the alteration of gas and solid densities of space – it is the border between them.

To turn into ice, vapour must pass through liquid state. To change into vapour, ice must go through liquid state. Like this is with all the rest chemical systems, too.

On the basis of modern human knowledge it could be said that water is life. The possibilities from the Law that produce water have been fulfilled here on the Earth and if we look around and further in the Universe, we will find out that this is an incredibly fortunate concurrence of circumstances.

§ 5.2.3 – THE SOLID DENSITY OF SPACE.

The fourth space density is solid density. It is the Earth's crust.

In conclusion, we can briefly say the following about the four space densities and their appearance:

Physical field is composed of physical systems which form the first space density – the plasma. When it starts turning to be denser it will pass into the chemical consistence and from the physical field the chemical field will be born and it forms and consists of chemical systems.

Chemical field will generate three chemical consistencies: gas, liquid and solid which are made up of chemical systems.

Physical field and physical space density – plasma and chemical field, with the chemical space density which consists of three parts: gas, liquid and solid, are build and governed by different rules and laws.

The four consistencies and the different rules by which they appear and exist are the reason for the phenomenon, which in modern physics and astronomy is called *“Distortion of space”*

During the fourth period of the circumrotation of a physical system, the number of the smallest physical systems and other little elementary particles in its space, is increasing and the law according to which *“Quantitative deposits pass into qualitative changes”* is turning into operation. For this reason the elementary particles start grouping and joining together through the propensity for contracting their own nucleuses by forming satellite communities – larger elementary particles and atoms.

In this process, the little elementary particles are grouped in twos or in threes, having different chemical densities of their space: gas+liquid, gas+solid, liquid+solid and gas+liquid+solid.

If we number the three chemical densities, and mark with letters the satellite communities formed by them, we will have the following: $1+2 = A$, $1+3 = B$, $2+3 = C$ and $1+2+3 = D$. Thus, we can trace out the following grouping levels: $A+B$, $A+C$, $A+D$, $B+C$, $B+D$, $C+D$, $A+B+C$, $A+B+D$, $A+C+D$, $B+C+D$, $A+B+C+D$ and etc. for the next levels.

§5.3 – THE FORMS OF CHEMICAL SYSTEMS.

With physical systems, each nucleus creates its own field but in chemical systems, it is the field, which creates its own material form. Every chemical field is a sum of possibilities, ideas from the Law, which evince themselves through building an aggregate material form – part of the liquid or solid space density.

Every possibility from the Law can evince itself only at a specific field density and in specific environment. Within particular range of field density, there can be fulfilled a lot of and various possibilities. They interact between each other and create, in the first place, physical systems which gather in satellite communities. This way the

space gets denser and the chemical systems are created – inorganic matter, then organic, biological and etc. treading the path of *evolution*.

As the ancients said: *"The Breath (extension) becomes a stone, the stone - a plant; the plant - an animal, the animal - a man, the man - a spirit, and the spirit - a god."*

In present conditions, on the earth surface, pulsing, the earth field intensity slowly changes because of the interaction between Earth and the other heavenly bodies in the Solar system. This change is felt and seen by global warming today. That is why, fulfilled are also possibilities that may become apparent only within a narrow range of field intensity, as supplement to an existing private field and its form. In such a way, private fields and their forms become more complex and improved. This change of the field and its form is what modern scientists today call *evolution* or *involution* depending on the direction of field alteration. But fantasists call it mutation.

The change itself, as a consequence of *evolution*, not only changes certain private fields with their forms, but those, whose life-asserting intensity has been bypassed in the change by the new field intensity, and has left out of it, will disappear. During the change, new possibilities will be fulfilled – their life-asserting intensity has reached and is already within the bounds of the new earth field intensity. Thus, new plant and animal kinds disappear and appear.

Complex matter forms have complex fields that care for them lifetime. But if the fields were doing only this, their existence, and as well the existence of their forms, would be pointless, because of their inevitable end. Field takes care for its form also because of another important act – its own self-recreation and multiplication, and respectively - its form.

Since private field creates and maintains its form, Thracians said: "You can't heal your body without healing your spirit".

Or in other words: "Healthy body – in a healthy spirit".